

EIMOUR MOKTA

DOE/PHRI Special Medical Care Program in the Republic of the Marshall Islands

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To	Garry P.	From	Bill J.		
Co./Dept.	FYI & Ind.	Co.	Section		
Phone #		Phone #			
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William Jackson
Program Manager
U.S. Department of Energy
Field Operations
P.O. Box 29939
Honolulu, HI. 96820

Dear Bill:

Per your request, this is just to update you on a recent equipment purchase. As reported in the past program quarterly reports, the Majuro clinic has been using dial-up capability for access to the Internet and to the Electronic Medical Records systems (EMR system). The use of dial-up service on Majuro made the use of the EMR system problematic, and severely restricted the anticipated benefit of the system. Hence, a change in the networking capability was necessary to provide better and more efficient access at the clinic.

The DOE/PHRI program has been in negotiations with PEACESAT for an extended period of time regarding access to the PEACESAT satellite connection to Honolulu. In order to access the satellite service provided by PEACESAT, a wireless connection to the PEACESAT network was necessary. In April of this year, installation of the wireless network infrastructure was completed whereby two antennas were installed, one at the DOE clinic and other at the RMI Ministry of Health and Environment (MOHE).

In addition to the wireless network antennas, PHRI also purchased¹ 3 Peribit Sequence Reducers (SR) which allows the user to increase network capacity over the existing network infrastructure. Hence, the existing network can support more users, sessions and applications - without the expense or disruption of a network upgrade. The Sequence Reducers can also set or preserve traffic flow priorities and allocate

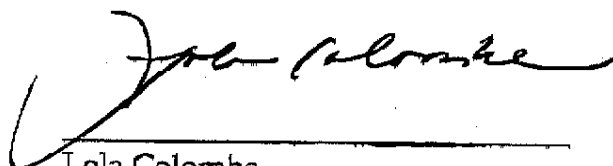
¹ The Peribit Sequence Reducers were purchased with funds that were approved for use in the program Year 5.

bandwidth to ensure consistent data transmission. With the Peribit SR, the clinic in Majuro can have a dedicated amount of bandwidth set for its needs regardless of the time of day and the number of users on the network.

We are currently in the process of negotiating a separate MOU with the RMI Ministry of Health and Environment (MOHE) with regards to this networking service. The equipment would be located at the RMI Emergency Operations Center (EOC) on Majuro and at the University of Hawaii at Manoa PEACESAT earth stations respectively as it needs to be installed where the majority of the network traffic would be routed.

If you have any questions regarding this piece of equipment or its capabilities, please do not hesitate to contact Chris Welch or me. Thank you.

Sincerely yours,



Lola Colombe
Program Coordinator,
DOE/PHRI Special Medical Care Program